

**IN THE CLAIMS:**

Please replace Claims 1 and 14, and add new Claims 32-34 as follows:

1. (Amended) A method of making a plasma reactor component having one or more surfaces which are exposed to plasma during use, the method comprising plasma spraying a coating material onto a plasma exposed surface of the component to form an as-sprayed coating having an as-sprayed surface roughness that promotes the adhesion of polymer deposits.

14. (Amended) A component of a plasma reactor, the component having one or more surfaces exposed to the plasma during processing, the component comprising an as-sprayed plasma sprayed coating on a plasma exposed surface of the component, wherein the coating has an as-sprayed surface roughness that promotes the adhesion of polymer deposits.

32. (New) The component of claim 14, wherein the component comprises a ceramic material.

33. (New) The component of claim 14, wherein the coating is a polymeric material.

34. (New) A component of a plasma reactor, the component having one or more surfaces exposed to the plasma during processing, the component comprising a